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Inhalation device providing steam vapour - uses outside air for swirling vaporised mixture of water and inhalation agent at given temp.

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
WO 9428959	A1	19941222	WO 94EP1815	A	19940603	199505	B
DE 4318389	A1	19950420	DE 493318389	A	19930603	199521	
AU 9472274	A	19950103	AU 9472274	A	19940603	199522	
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CZ 9503180	A3	19960612	CZ 953180	A	19940603	199631	
SK 9501519	A3	19960904	WO 94EP1815	A	19940603	199645	
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CZ 287275	B6	20001011	WO 94EP1815	A	19940603	200060	
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			HU 953409	A	19940603		
SK 284063	B6	20040908	WO 94EP1815	A	19940603	200462	
			SK 951519	A	19940603		

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Cited Patents: DE 9201793; EP 559971 ; FR 449781; FR 793235; GB 27593; GB 509593; US 1998327; US 4903850

Patent Details

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WO 9428959	A1	E	27	A61M-015/00	
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DE 4318389	A1		8	A61M-015/00	

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CZ 9503180	A3			A61M-015/00	
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CZ 287275	B6			A61M-015/00	Previous Publ. patent CZ 9503180
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HU 219392	B			A61M-015/00	Previous Publ. patent HU 73218
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SK 284063	B6			A61M-015/00	Previous Publ. patent SK 9501519
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Abstract:

WO 9428959 A

The inhalation device comprises a container (1) for water and an inhalation agent, provided with a lid (2) having a central opening (3) for discharge of the steam vapour generated within the container and a number of smaller peripheral openings (4), for allowing air to enter the container. The water and the inhalation agent are vaporised together at a temp. between body and temp. and 65 degrees, the supplied outside air used to swirl the vaporised mixture.

Pref. the container is double-walled with water contained in the intermediate space (1c) and heated by a resistance heating wire supplied from the mains network or an electric battery. One or more thermostats may be used to regulate the vaporisation temp.

ADVANTAGE - Improved vaporisation characteristics for deep penetration into respiration system.

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